

2007 Southeast Texas Dehydrator Survey

Background

In support of area source emissions inventory development the Texas Commission on Environmental Quality (TCEQ) is conducting a survey of dehydrators in Southeast Texas. An area source is a collection of similar emission units that are small and numerous within a county or other geographical area and that do not meet the annual emissions inventory reporting requirements of 30 Texas Administrative Code (TAC) §101.10(a)(1-3). The TCEQ will use the submitted data to develop county-level emissions estimates. These estimates will be used to identify and analyze appropriate regulatory options, and meet federal emissions reporting requirements.

General Survey Instructions

Please provide the information requested in the survey for each dehydrator. Only include dehydrators in the survey that are located in one of the following counties; Angelina, Austin, Hardin, Houston, Jasper, Jefferson, Newton, Polk, Sabine, San Augustine, San Jacinto, Trinity, Tyler, and Walker. Dehydrators reported on the 2007 annual point source emissions inventory should not be reported on this survey.

The survey form entitled Southeast Texas Dehydrator Survey.xls is available at the following internet address: <http://www.tceq.state.tx.us/implementation/air/industei/ASEI.html>. Please complete each field for each dehydrator as much as possible. Survey requests and any questions or concerns about the survey may be directed to Martha Maldonado at (512) 239-1999 or by e-mail at mmaldona@tceq.state.tx.us or the Emissions Inventory helpline at (512) 239-1773.

The TCEQ will respect the confidentiality of process data unless the Texas Attorney General's Office rules that the data are not protected by state law. Please clearly identify any information that you wish to be kept confidential.

Completed surveys are required to be submitted to the TCEQ no later than October 31, 2008. Please include additional data that will be useful to characterize emissions from these emission sources. The completed Excel spreadsheet survey may be e-mailed to mmaldona@tceq.state.tx.us provided that a printed hardcopy, disc, or diskette is submitted to the agency. If you have difficulty downloading the survey from the TCEQ internet website, please contact staff as soon as possible and a survey will be sent to you via e-mail or postal mail.

If you are an owner or operator of multiple sites within a county, fill one survey per county where the sites operate.

Please mail completed surveys to:

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Definitions

Please use the following definitions for completing this survey:

2007 Annual Hours of Operation: If actual data for hours of operation are not available, approximations based on general knowledge and history of the dehydrator operation are acceptable.

Company Contact Name and Information: Name and telephone number for point of contact for the owner and/or operator of the business.

Company Name: Name of the business that owns or operates the dehydrator.

Controls: If applicable, the type of device controlling the pollutants emitted from the glycol dehydrator.

County: Name the county where the dehydrator(s) primarily resided during calendar year 2007.

Dehydrator Model: The model or manufacturer's name of the dehydrator.

Design Rating: The estimated value of the normal capacity or power to remove water from natural gas stream in million standard cubic feet per day (MMscfd).

Number of Wells Serviced: The number of wells being serviced by the dehydrator.

Reboiler Heat Rating: The heat source's normal capacity to remove the water and other absorbed compounds from the glycol. The reboiler is part of the regenerator. Units are usually in million British Thermal Units per hour (MMBTU/hr).

Type of Glycol: The type of glycol being processed such as triethylene glycol (TEG), ethylene glycol (EG) or diethylene glycol (DEG).